

1. (Currently Amended) A ground engaging agricultural toolbar comprising:

- (a) a first bar section;
- (b) first means coupled to said first bar section for engaging the ground;
- (c) a second bar section pivotably coupled to said first bar section;
- (d) second means coupled to said second bar section for engaging the ground;
- (e) a first arm coupled to said first bar section and said first ground engaging means;
- (f) a second arm coupled to said second bar section and said second ground engaging means;
- (g) wherein said first arm, said second arm and said frame define an area sufficient to accommodate the passage of a plant at least approximately one meter in height; and
- (e)(h) means coupled between said first bar section and said second bar section for buffering pivoting of said first bar section relative to said second bar section in response to said first ground engaging means and said second ground engaging means engaging uneven terrain.

2. (Cancelled) ~~The ground engaging agricultural toolbar of Claim 1, wherein said buffering means is a fluid buffer coupled between said first bar section and said second bar section.~~

3. (Original) The ground engaging agricultural toolbar of Claim 1, wherein said buffering means is a linear actuator.

4. ~~(Cancelled) The ground engaging agricultural toolbar of Claim 1, wherein said buffering means is a hydraulic cylinder.~~

5. ~~(Cancelled) The ground engaging agricultural toolbar of Claim 4, further comprising a fluid pump coupled to said hydraulic cylinder.~~

6. (Original) The ground engaging agricultural toolbar of Claim 1, wherein said first bar section is pivotably coupled to said second bar section along a first degree of freedom and along a second degree of freedom.

7. (Original) The ground engaging agricultural toolbar of Claim 6, wherein said buffering means is means for buffering pivoting of said first bar section relative to said second bar section along said first degree of freedom.

8. (Original) The ground engaging agricultural toolbar of Claim 7, further comprising means coupled between said first bar section and said second bar section for retracting said first bar section toward said second bar section along said second degree of freedom.

9. (Original) The ground engaging agricultural toolbar of Claim 8, wherein said retracting means is a hydraulic cylinder.

10. ~~(Cancelled) The ground engaging agricultural toolbar of Claim 9, wherein said buffering means is a supplemental hydraulic cylinder.~~

11. ~~(Cancelled) The ground engaging agricultural toolbar of Claim 10, further comprising a fluid pump coupled to said hydraulic cylinder and said supplemental hydraulic cylinder.~~

12. (Original) The ground engaging agricultural toolbar of Claim 1, further comprising a third bar section pivotably coupled to said first bar section.

13. (Original) The ground engaging agricultural toolbar of Claim 12, wherein said second bar section and said third bar section are pivotably coupled to said first bar section along a first degree of freedom and along a second degree of freedom.

14. (Original) The ground engaging agricultural toolbar of Claim 13, wherein said first degree of freedom is about a ninety-degree angle from said second degree of freedom.

15. (Original) The ground engaging agricultural toolbar of Claim 1, further comprising means for raising said first ground engaging means off the ground.

16. (Original) The ground engaging agricultural toolbar of Claim 15, wherein said raising means is a hydraulic cylinder coupled between said first bar section and an agricultural vehicle.

17. (Cancelled) ~~A ground engaging agricultural toolbar comprising:~~

~~(a) a first bar section;~~

~~(b) first means coupled to said first bar section for engaging the ground;~~

~~(c) a second bar section;~~

~~(d) second means coupled to said second bar section for engaging the ground;~~

~~(e) a third bar section;~~

~~(f) a third means coupled to said third bar section for engaging the ground; and~~

~~(g) wherein said second bar section and said third bar section are pivotably~~

~~coupled to said first bar section along a first degree of freedom and~~

~~pivotably coupled to said first bar section along a second degree of~~

~~freedom.~~

18. (Cancelled) ~~The ground engaging agricultural toolbar of Claim 17, further comprising means for buffering pivoting of said second bar section and said third bar section~~

~~relative to said first bar section along said first degree of freedom as said first ground engaging means, said second ground engaging means and said third ground engaging means travel over uneven terrain.~~

19. ~~(Cancelled) The ground engaging agricultural toolbar of Claim 18, further comprising means for retracting said second bar section and said third bar section relative to said first bar section along said second degree of freedom.~~

20. ~~(Cancelled) A ground engaging agricultural toolbar comprising:~~

- ~~(a) a first bar section;~~
- ~~(b) first means coupled to said first bar section for engaging the ground;~~
- ~~(c) a second bar section;~~
- ~~(d) second means coupled to said second bar section for engaging the ground;~~
- ~~(e) a third bar section;~~
- ~~(f) a third means coupled to said third bar section for engaging the ground;~~
- ~~(g) means for buffering a pivoting of said second bar section and said third bar section relative to said first bar section along a first degree of freedom;~~
- ~~and~~
- ~~(h) means for pivoting said second bar section and said third bar section relative to said first bar section.~~

21. (New) A ground engaging agricultural toolbar comprising:

- (a) a first bar section;
- (b) first means coupled to said first bar section for engaging the ground;
- (c) a second bar section pivotably coupled to said first bar section;
- (d) second means coupled to said second bar section for engaging the ground;

(e) a fluid cylinder coupled to said first bar section and said second bar section;

(f) means for moving said first bar section relative to said second bar section by moving a fluid within said fluid cylinder; and

(g) means for buffering movement of said first bar section relative to said second bar section wherein said buffering means comprises means for translating a decrease in support of said second ground engaging means into movement of fluid within said fluid cylinder sufficient to buffer movement of said second bar section relative to said first bar section.

22. (New) The ground engaging agricultural toolbar of Claim 21, wherein said buffering means further comprises means for translating contact of said second ground engaging means with uneven terrain into fluid movement within said fluid cylinder sufficient to buffer movement of said second bar section relative to said first bar section.

23. (New) The ground engaging agricultural toolbar of Claim 21, wherein said fluid cylinder is a hydraulic cylinder.